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FIG. 1

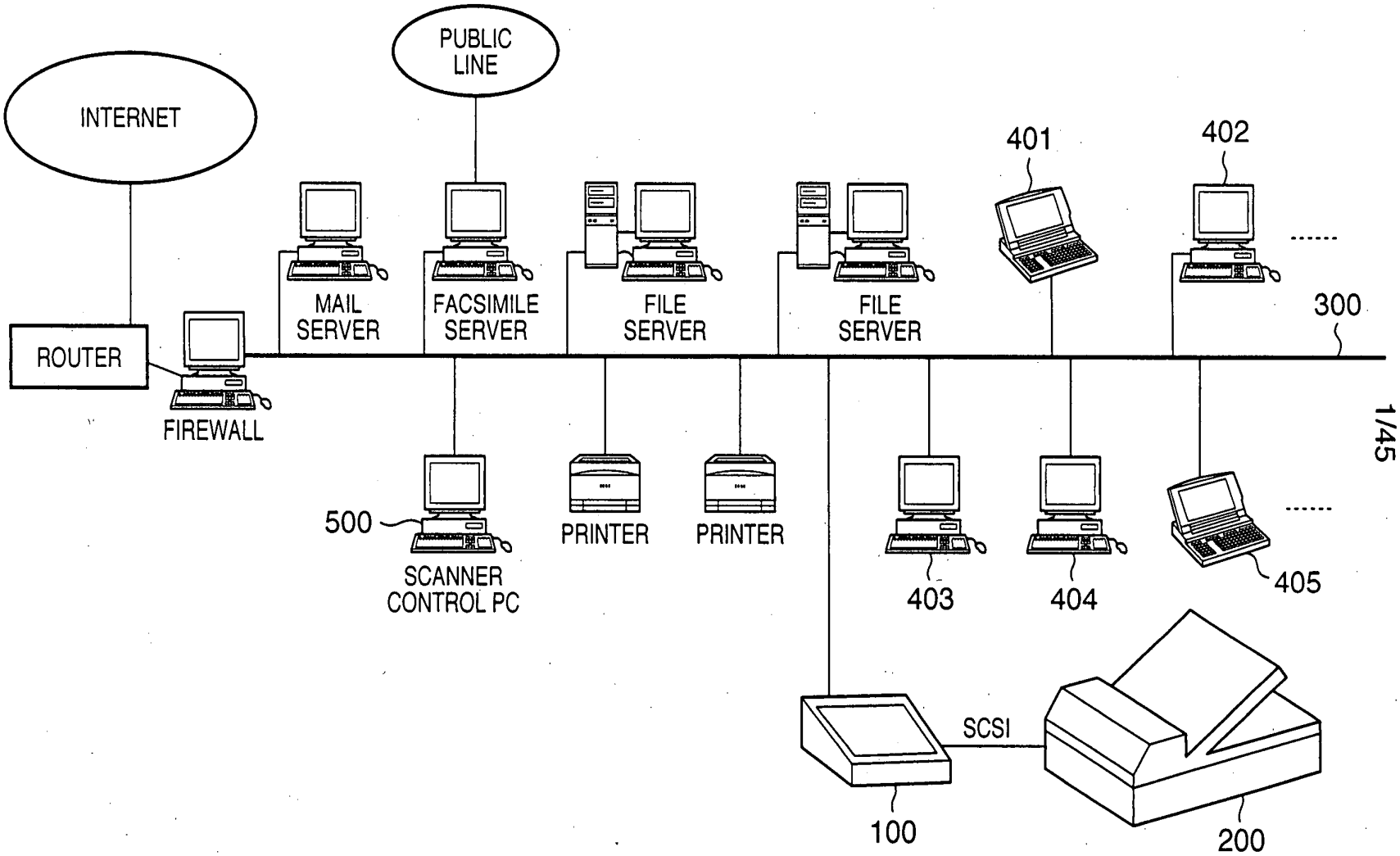

INTERNET
PUBLIC LINE
ROUTER
FIREWALL
MAIL SERVER
FACSIMILE SERVER
FILE SERVER
FILE SERVER
401
402
300
500
SCANNER CONTROL PC
PRINTER
PRINTER
403
404
405
SCSI
100
200

FIG. 2

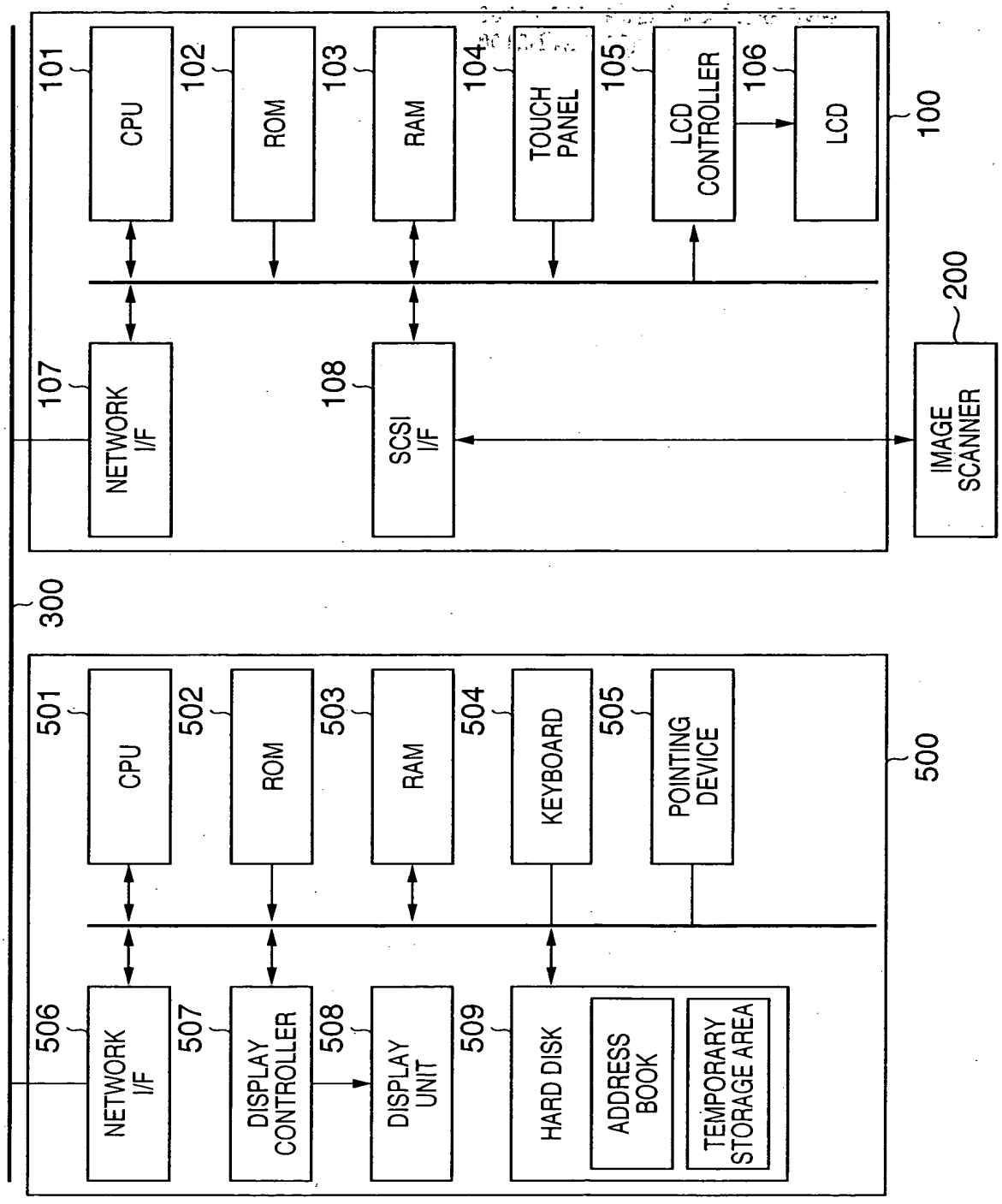

100
101
CPU
102
ROM
103
RAM
104
TOUCH PANEL
105
LCD CONTROLLER
106
LCD
107
NETWORK I/F
108
SCSI I/F
200
IMAGE SCANNER
300
500
501
CPU
502
ROM
503
RAM
504
KEYBOARD
505
POINTING DEVICE
506
NETWORK I/F
507
DISPLAY CONTROLLER
508
DISPLAY UNIT
509
HARD DISK
ADDRESS BOOK
TEMPORARY STORAGE AREA

FIG. 3

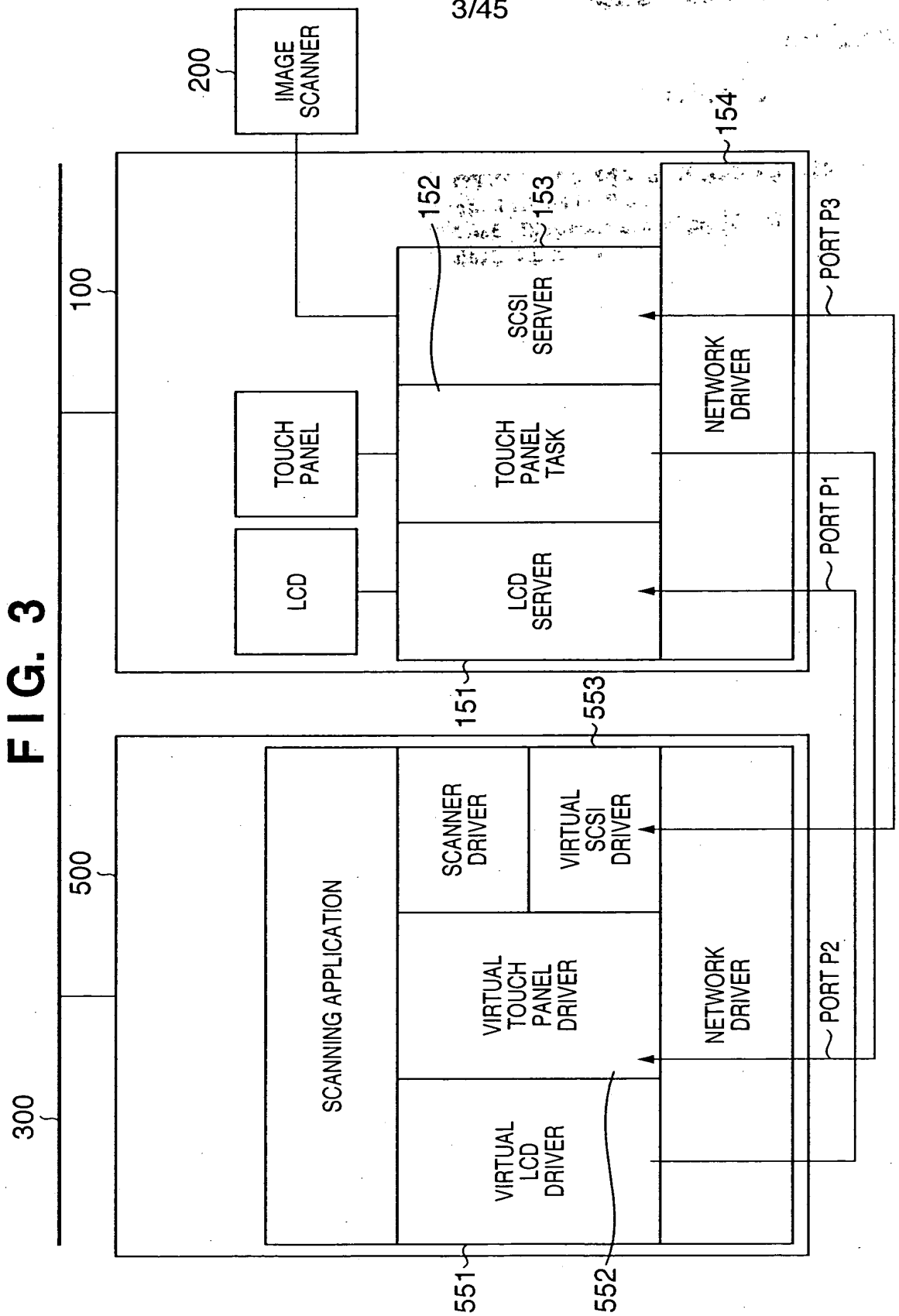

300
100
500
200
IMAGE SCANNER
TOUCH PANEL
LCD
SCSI SERVER
TOUCH PANEL TASK
LCD SERVER
NETWORK DRIVER
PORT P3
PORT P1
PORT P2
152
153
154
151
553
SCANNING APPLICATION
SCANNER DRIVER
VIRTUAL SCSI DRIVER
VIRTUAL TOUCH PANEL DRIVER
VIRTUAL LCD DRIVER
NETWORK DRIVER
551
552

FIG. 4

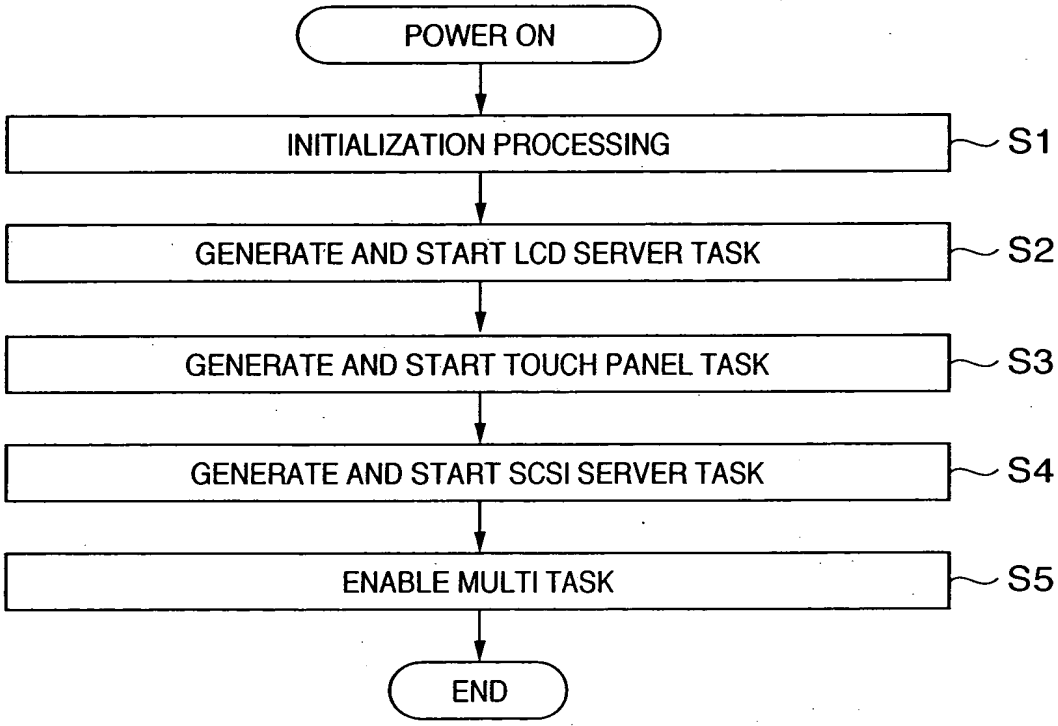

POWER ON
INITIALIZATION PROCESSING
S1
GENERATE AND START LCD SERVER TASK
S2
GENERATE AND START TOUCH PANEL TASK
S3
GENERATE AND START SCSI SERVER TASK
S4
ENABLE MULTI TASK
S5
END

FIG. 5

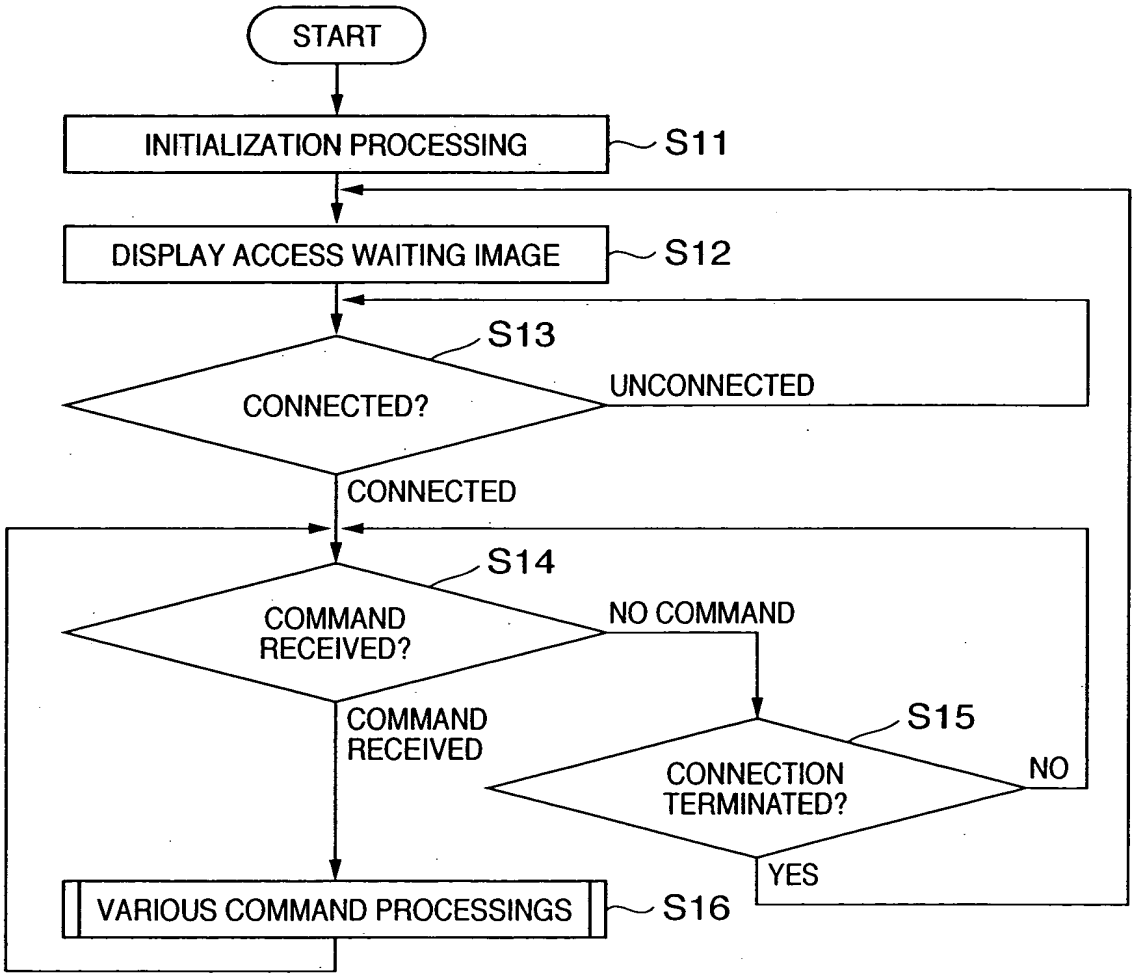

START
INITIALIZATION PROCESSING
S11
DISPLAY ACCESS WAITING IMAGE
S12
S13
CONNECTED?
UNCONNECTED
CONNECTED
S14
COMMAND RECEIVED?
NO COMMAND
COMMAND RECEIVED
S15
CONNECTION TERMINATED?
NO
YES
VARIOUS COMMAND PROCESSINGS
S16

FIG. 6

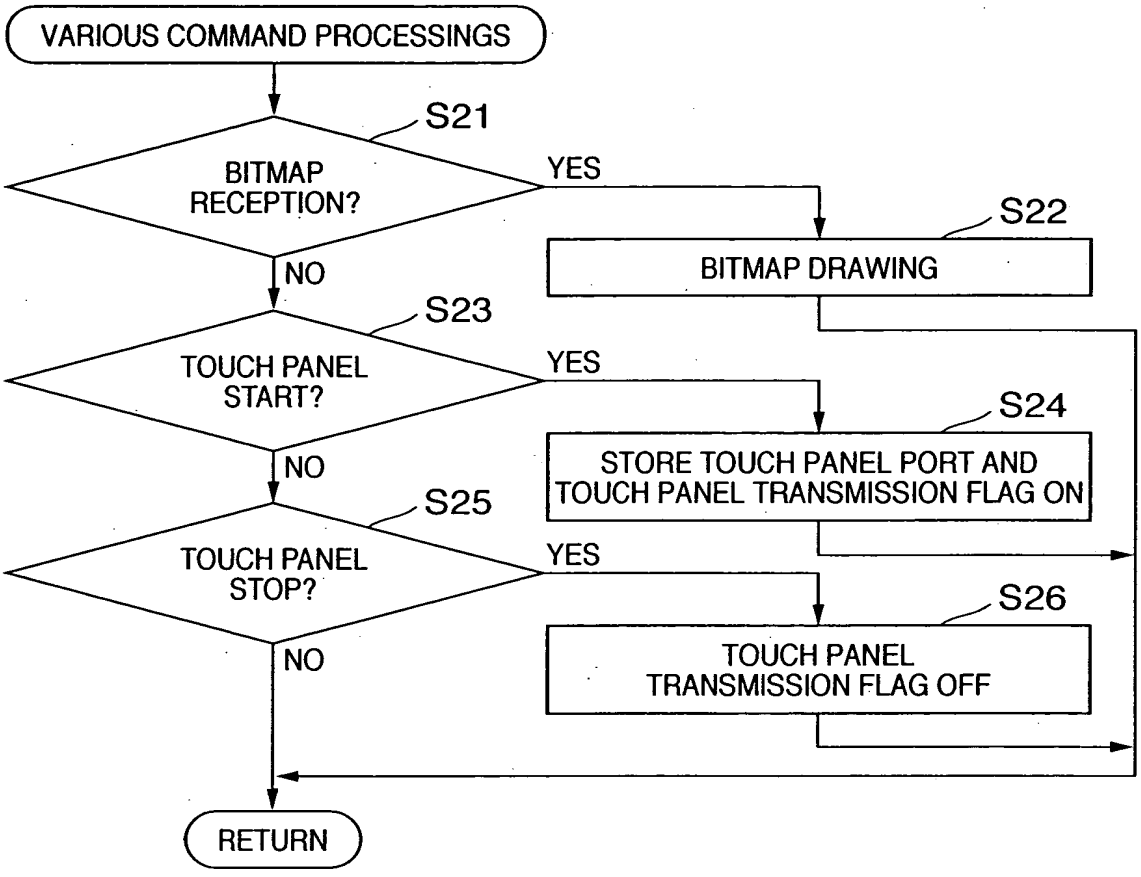

VARIOUS COMMAND PROCESSINGS
S21
BITMAP RECEPTION?
YES
NO
S22
BITMAP DRAWING
S23
TOUCH PANEL START?
YES
NO
S24
STORE TOUCH PANEL PORT AND TOUCH PANEL TRANSMISSION FLAG ON
S25
TOUCH PANEL STOP?
YES
NO
S26
TOUCH PANEL TRANSMISSION FLAG OFF
RETURN

FIG. 7

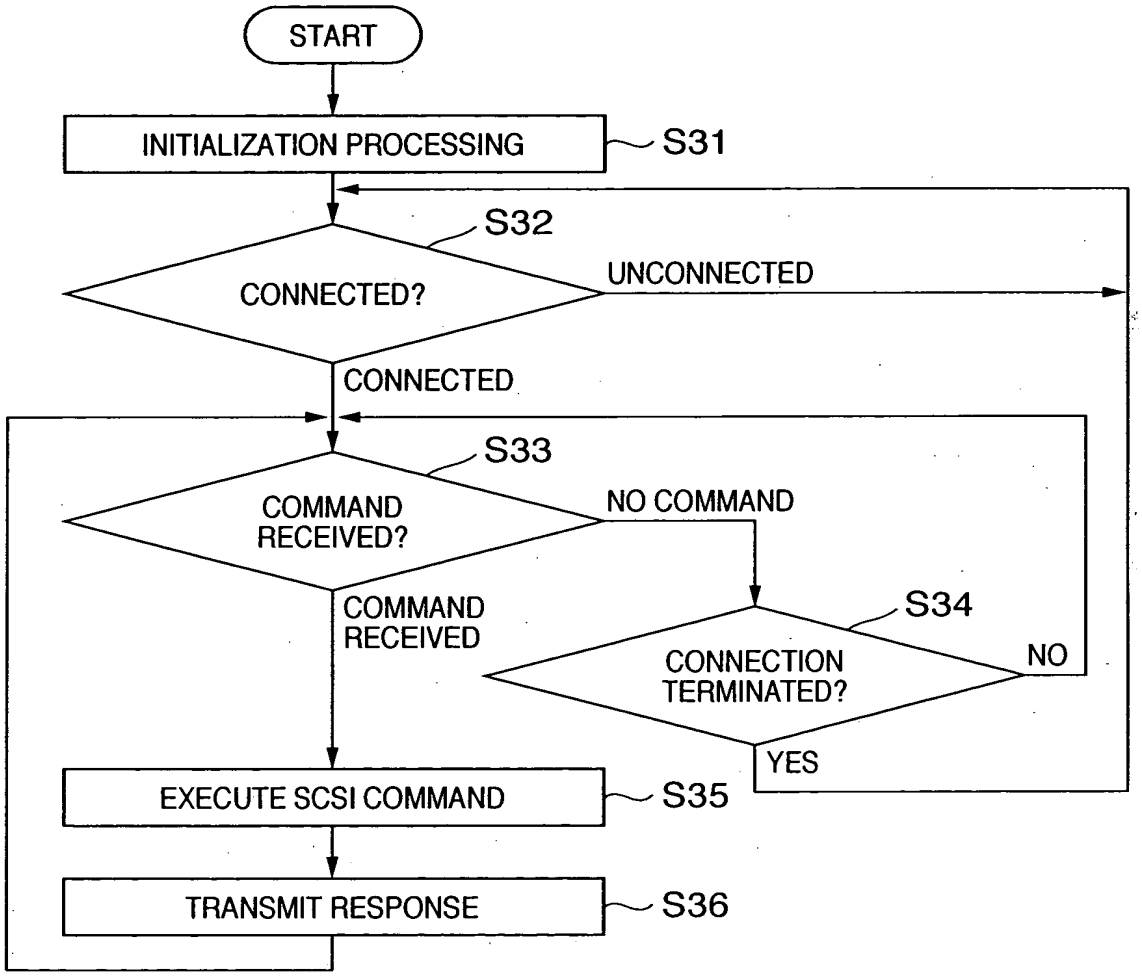

START
INITIALIZATION PROCESSING
S31
S32
CONNECTED?
UNCONNECTED
CONNECTED
S33
COMMAND RECEIVED?
NO COMMAND
COMMAND RECEIVED
S34
CONNECTION TERMINATED?
NO
YES
EXECUTE SCSI COMMAND
S35
TRANSMIT RESPONSE
S36

FIG. 8

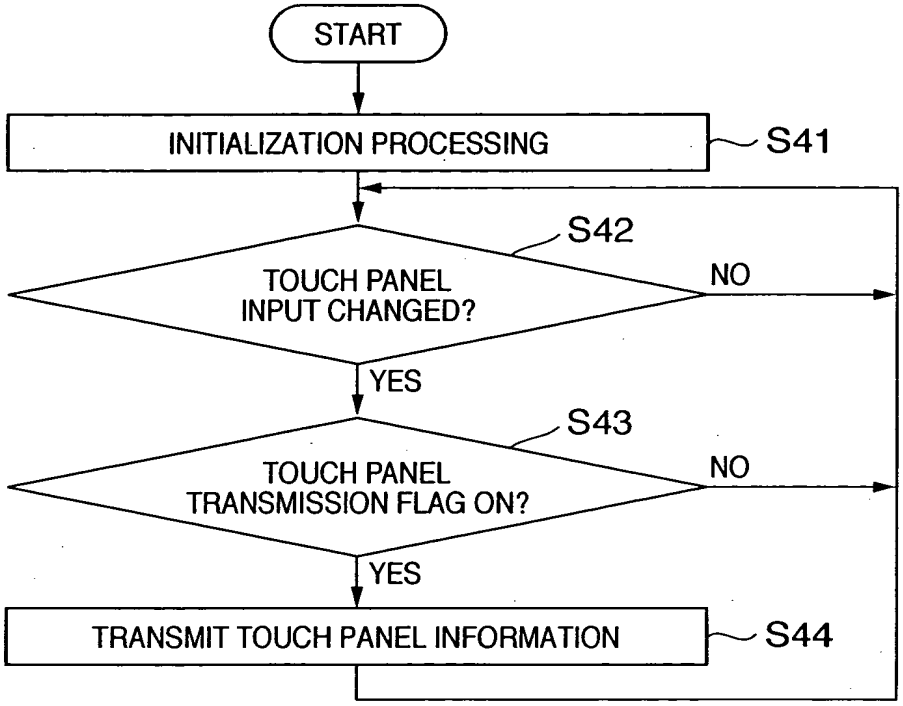

START
INITIALIZATION PROCESSING
S41
S42
TOUCH PANEL INPUT CHANGED?
NO
YES
S43
TOUCH PANEL TRANSMISSION FLAG ON?
NO
YES
TRANSMIT TOUCH PANEL INFORMATION
S44

FIG. 9

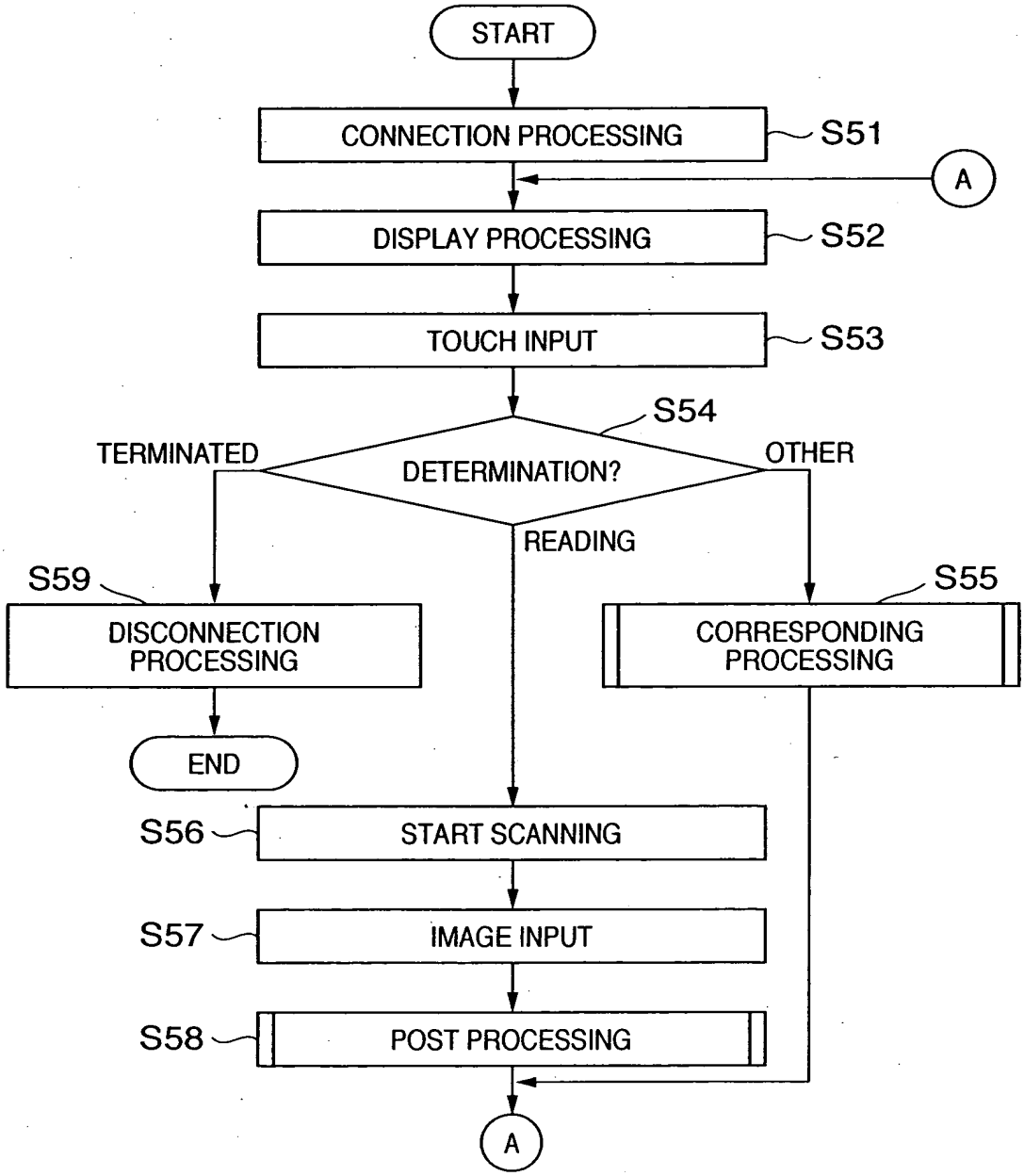

START
CONNECTION PROCESSING
S51
A
DISPLAY PROCESSING
S52
TOUCH INPUT
S53
S54
TERMINATED
DETERMINATION?
OTHER
READING
S59
DISCONNECTION PROCESSING
S55
CORRESPONDING PROCESSING
END
S56
START SCANNING
S57
IMAGE INPUT
S58
POST PROCESSING
A

FIG. 10

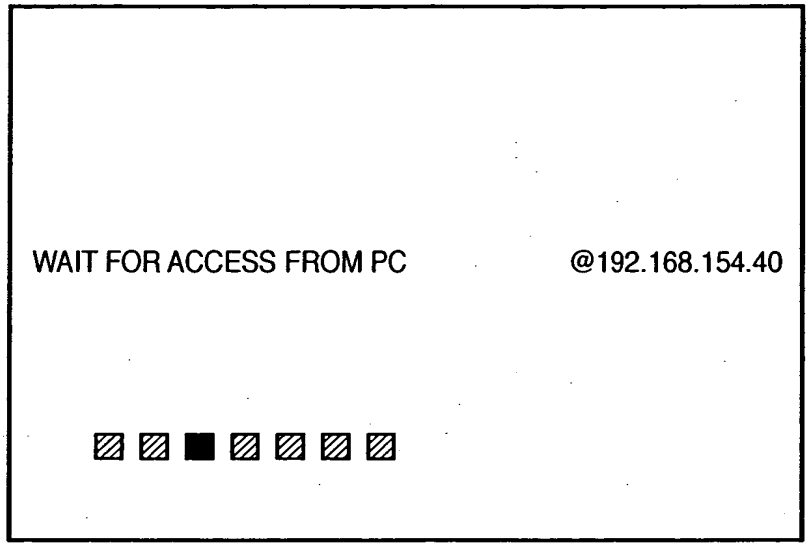


FIG. 11

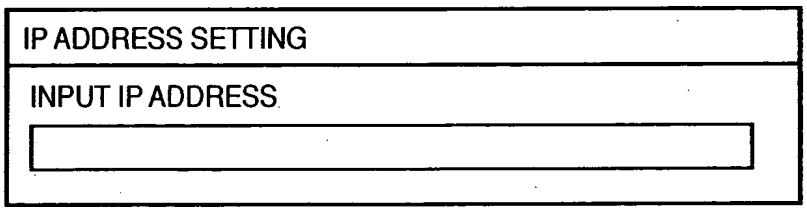


FIG. 12

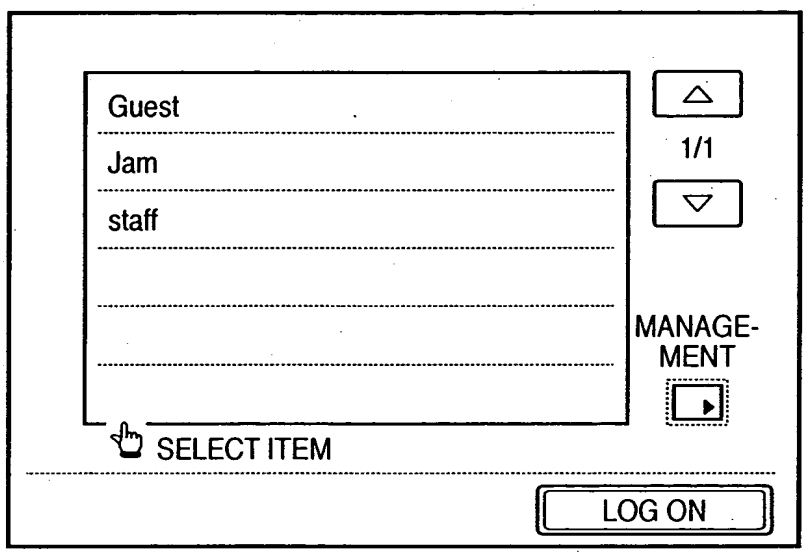


FIG. 13

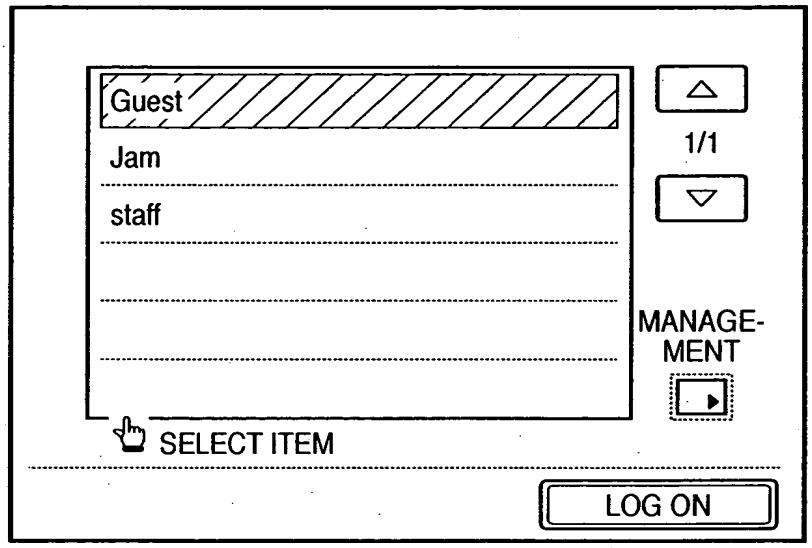


FIG. 14

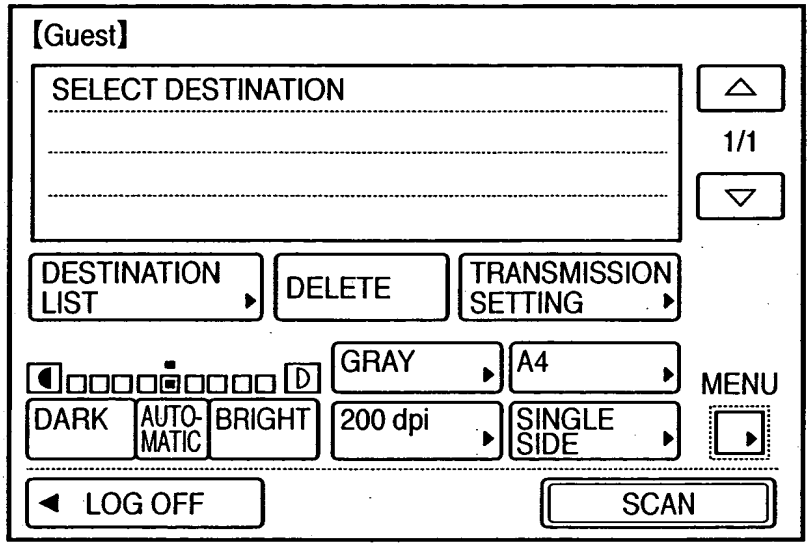

【Guest】
SELECT DESTINATION
1/1
DESTINATION LIST
DELETE
TRANSMISSION SETTING
GRAY
A4
MENU
DARK
AUTO-MATIC
BRIGHT
200 dpi
SINGLE SIDE
LOG OFF
SCAN

FIG. 15

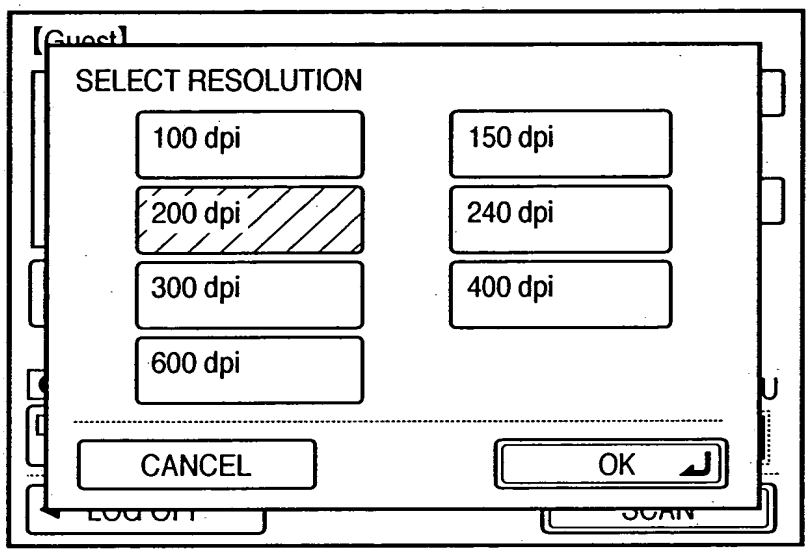

[Guest]
SELECT RESOLUTION
100 dpi
150 dpi
200 dpi
240 dpi
300 dpi
400 dpi
600 dpi
CANCEL
OK
LOG OFF
SCAN

FIG. 16

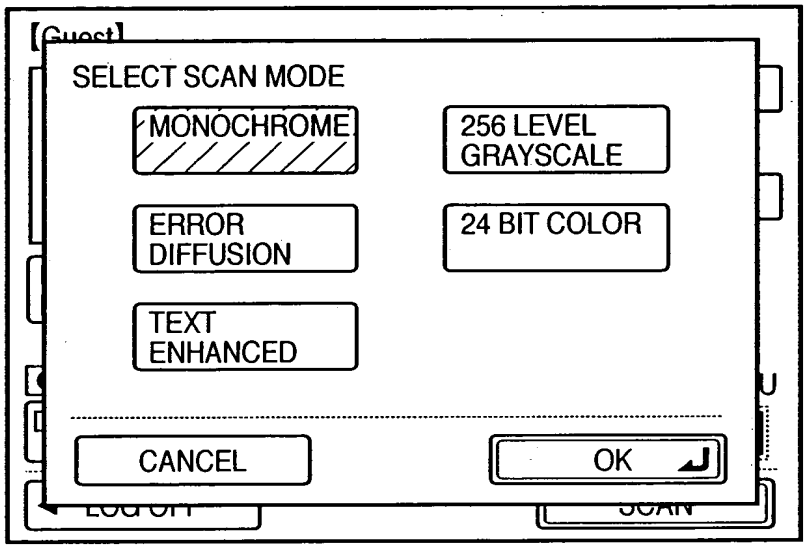

SELECT SCAN MODE
MONOCHROME
256 LEVEL GRAYSCALE
ERROR DIFFUSION
24 BIT COLOR
TEXT ENHANCED
CANCEL
OK

FIG. 17

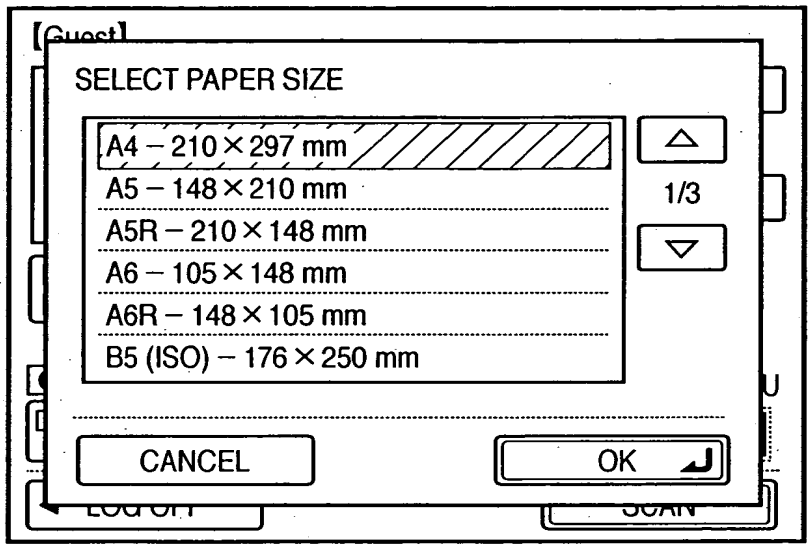

SELECT PAPER SIZE
A4 – 210 × 297 mm
A5 – 148 × 210 mm
A5R – 210 × 148 mm
A6 – 105 × 148 mm
A6R – 148 × 105 mm
B5 (ISO) – 176 × 250 mm
1/3
CANCEL
OK

FIG. 18

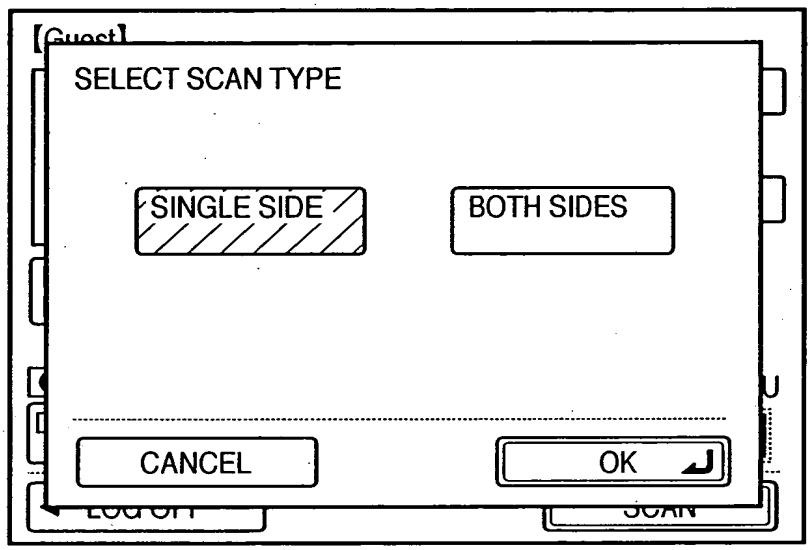


FIG. 19

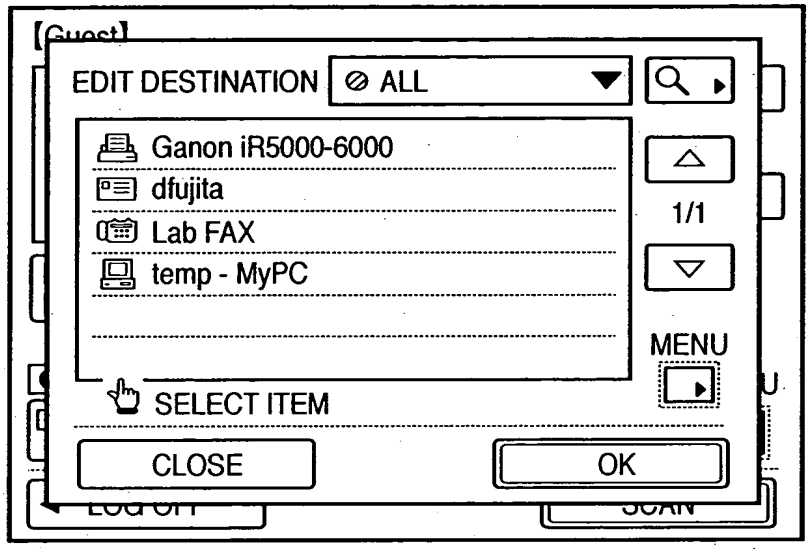

[Guest]
EDIT DESTINATION
ALL
Ganon iR5000-6000
dfujita
Lab FAX
temp - MyPC
1/1
MENU
SELECT ITEM
CLOSE
OK
LOG OFF
SCAN

FIG. 20

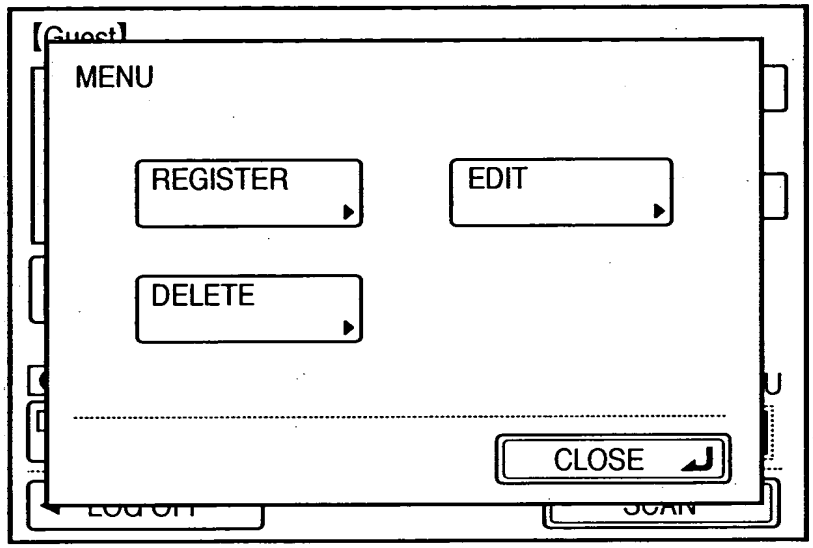


FIG. 21

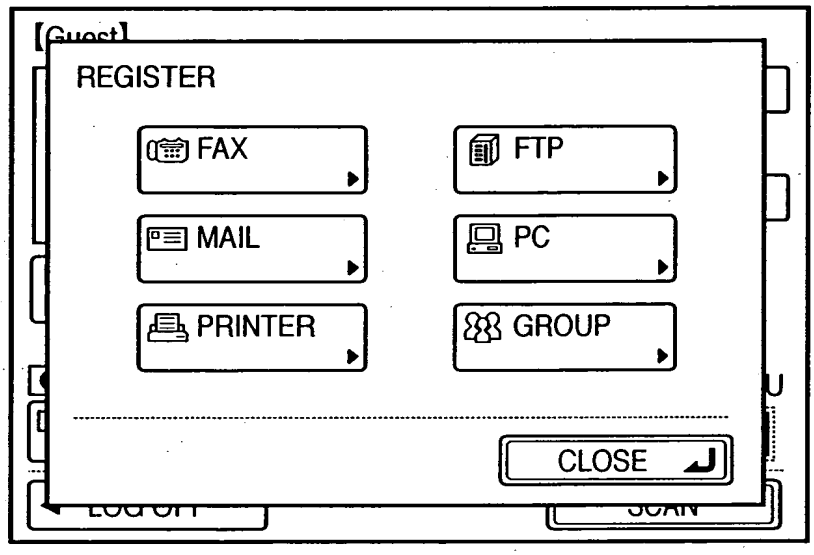


FIG. 22

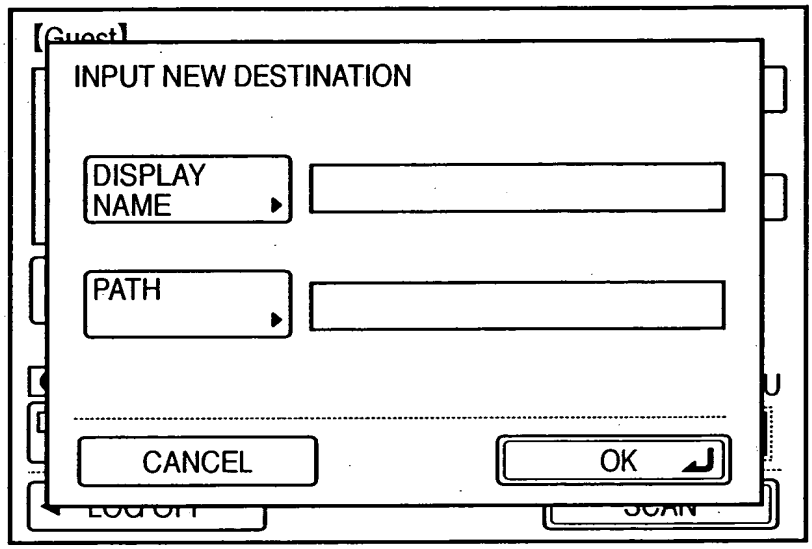

[Guest]
INPUT NEW DESTINATION
DISPLAY NAME
PATH
CANCEL
OK
LOGOFF
SCAN

FIG. 23

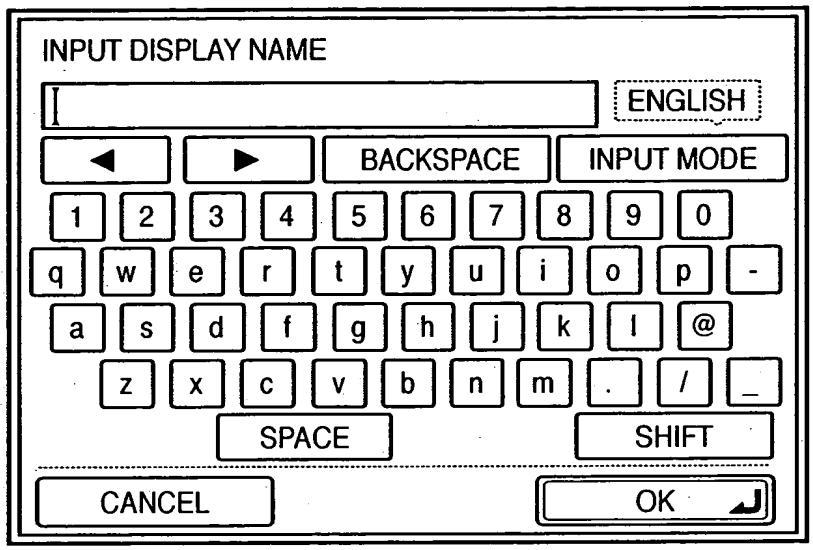

INPUT DISPLAY NAME
ENGLISH
◀
▶
BACKSPACE
INPUT MODE
1 2 3 4 5 6 7 8 9 0
q w e r t y u i o p -
a s d f g h j k l @
z x c v b n m . / _
SPACE
SHIFT
CANCEL
OK

FIG. 24

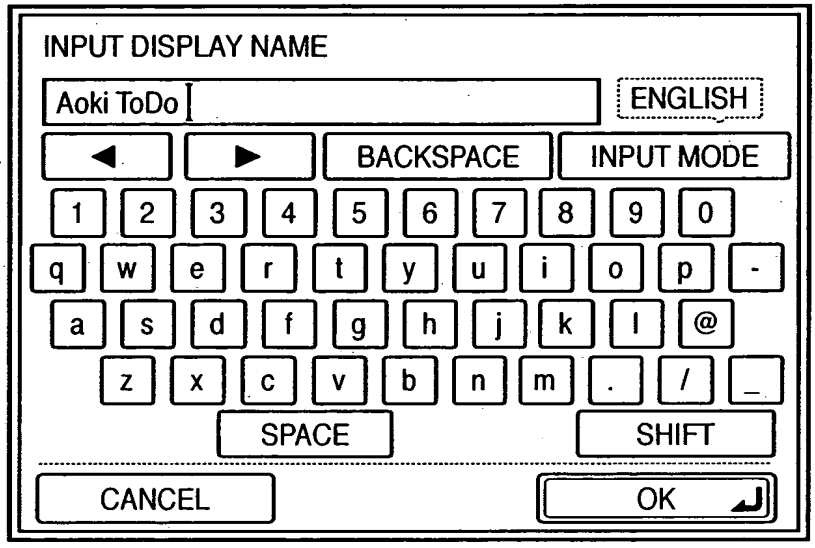

INPUT DISPLAY NAME
Aoki ToDo
ENGLISH
◀
▶
BACKSPACE
INPUT MODE
1 2 3 4 5 6 7 8 9 0
q w e r t y u i o p -
a s d f g h j k l @
z x c v b n m . / _
SPACE
SHIFT
CANCEL
OK

FIG. 25

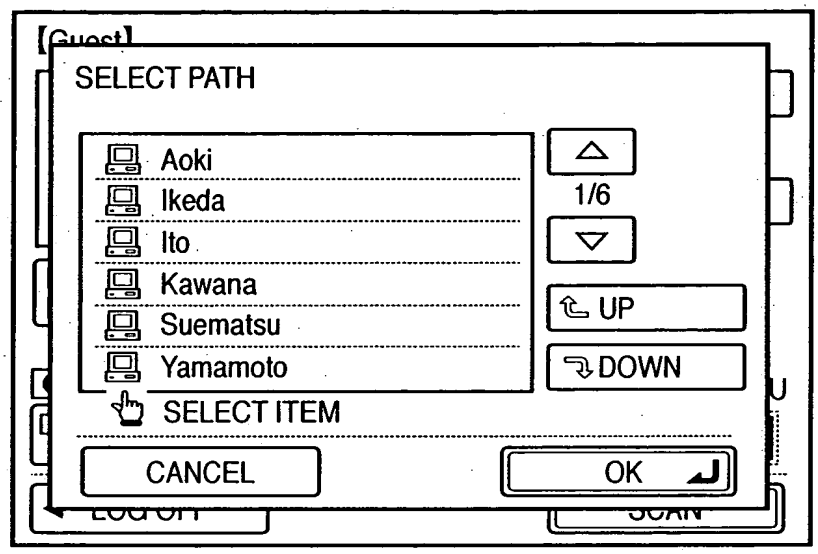
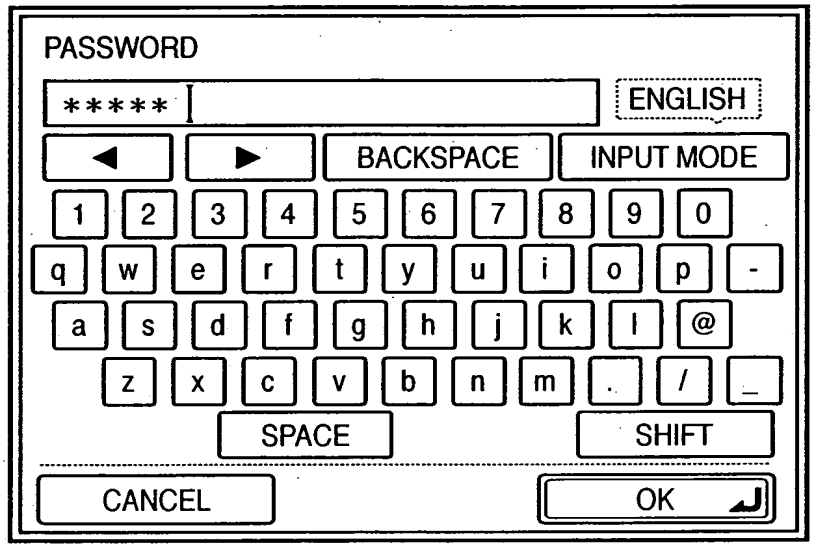

[Guest]
SELECT PATH
Aoki
Ikeda
Ito
Kawana
Suematsu
Yamamoto
1/6
UP
DOWN
SELECT ITEM
CANCEL
OK

FIG. 26


PASSWORD

ENGLISH
◀
▶
BACKSPACE
INPUT MODE
1 2 3 4 5 6 7 8 9 0
q w e r t y u i o p -
a s d f g h j k l @
z x c v b n m . / _
SPACE
SHIFT
CANCEL
OK

FIG. 27

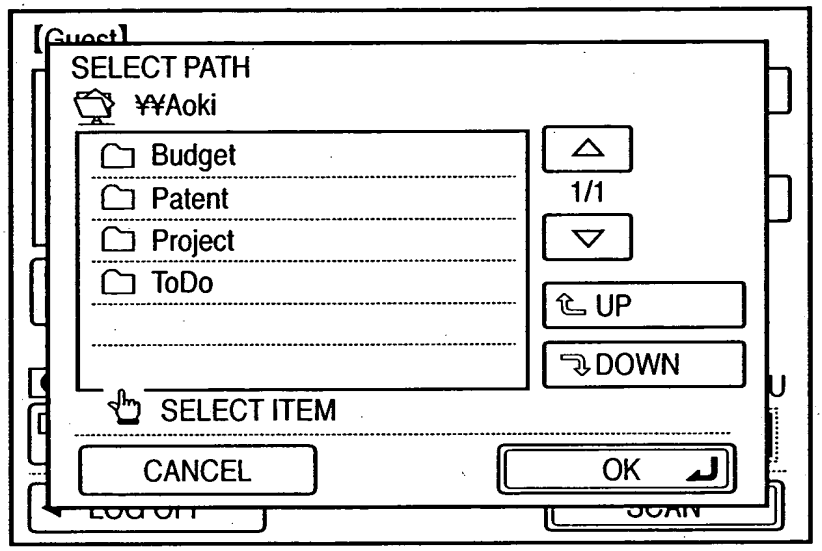

[Guest]
SELECT PATH
¥¥Aoki
Budget
Patent
Project
ToDo
1/1
UP
DOWN
SELECT ITEM
CANCEL
OK

FIG. 28

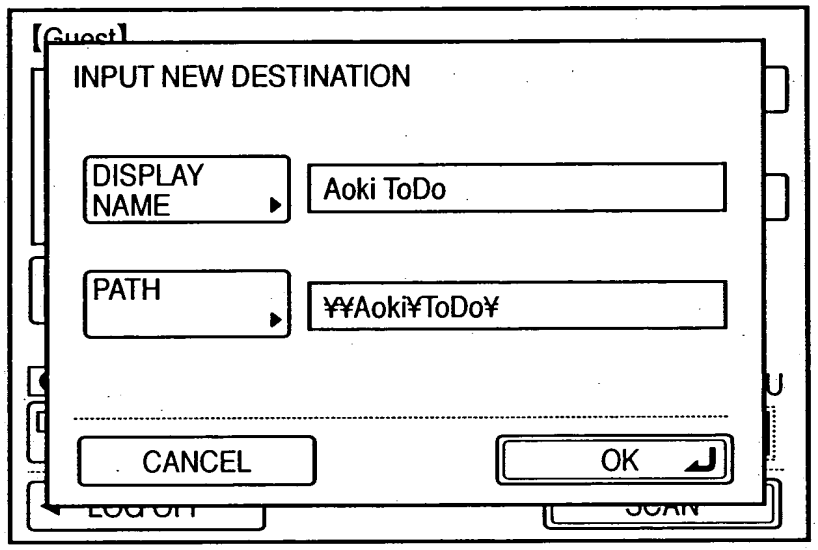

INPUT NEW DESTINATION
DISPLAY NAME
Aoki ToDo
PATH
¥¥Aoki¥ToDo¥
CANCEL
OK

FIG. 29

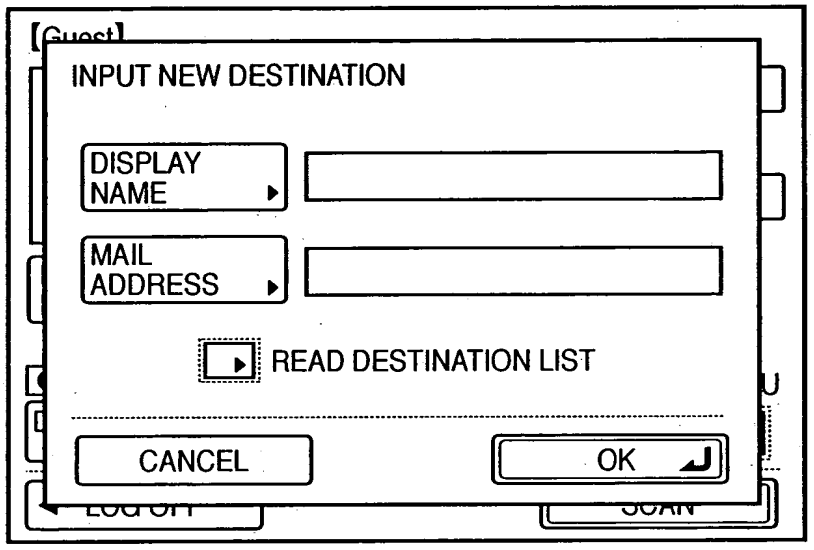

INPUT NEW DESTINATION
DISPLAY NAME
MAIL ADDRESS
READ DESTINATION LIST
CANCEL
OK

FIG. 30

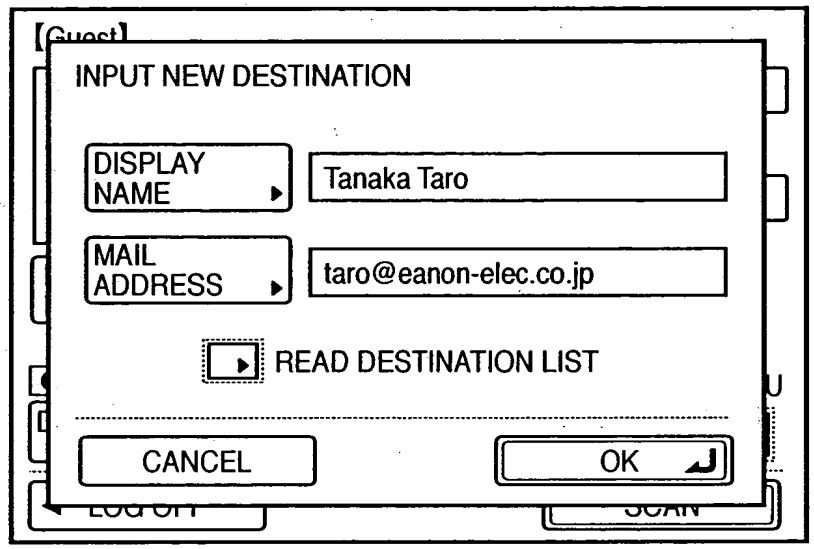

[Guest]
INPUT NEW DESTINATION
DISPLAY NAME
Tanaka Taro
MAIL ADDRESS
taro@eanon-elec.co.jp
READ DESTINATION LIST
CANCEL
OK

FIG. 31

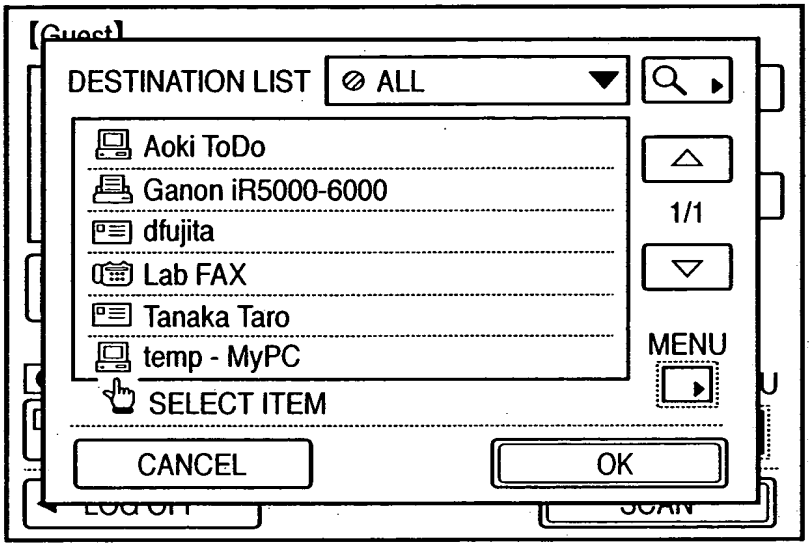

[Guest]
DESTINATION LIST
ALL
Aoki ToDo
Ganon iR5000-6000
dfujita
Lab FAX
Tanaka Taro
temp - MyPC
1/1
MENU
SELECT ITEM
CANCEL
OK

FIG. 32

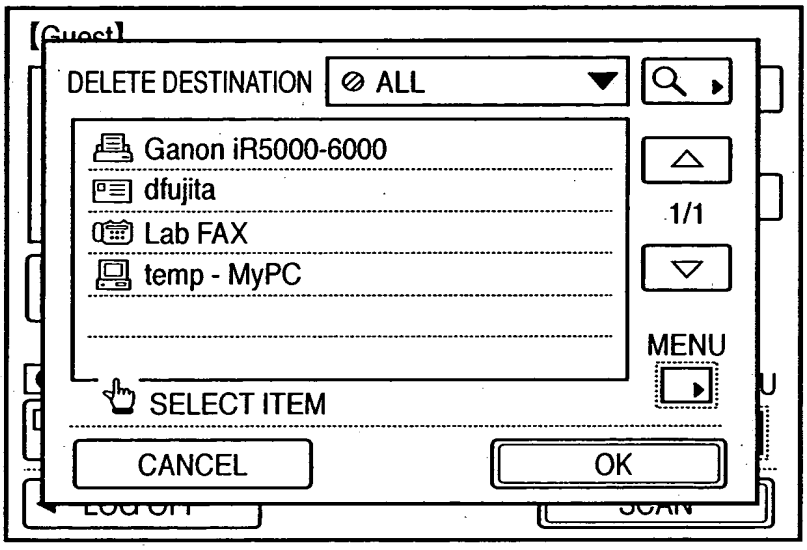

[Guest]
DELETE DESTINATION
ALL
Ganon iR5000-6000
dfujita
Lab FAX
temp - MyPC
1/1
MENU
SELECT ITEM
CANCEL
OK

FIG. 33

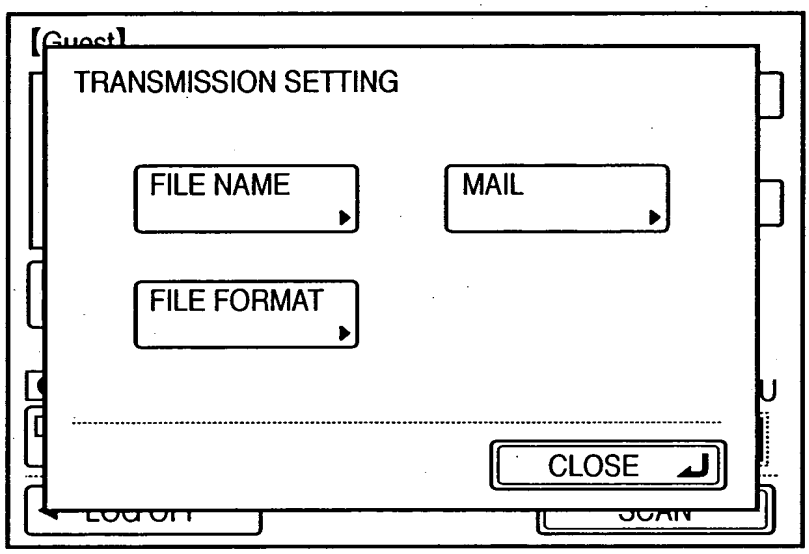


FIG. 34

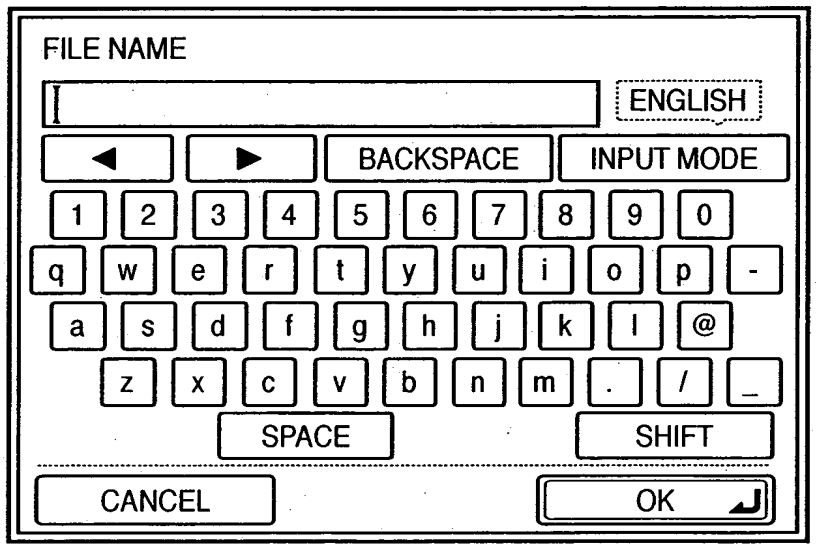

FILE NAME
ENGLISH
BACKSPACE
INPUT MODE
1 2 3 4 5 6 7 8 9 0
q w e r t y u i o p -
a s d f g h j k l @
z x c v b n m . / _
SPACE
SHIFT
CANCEL
OK

FIG. 35

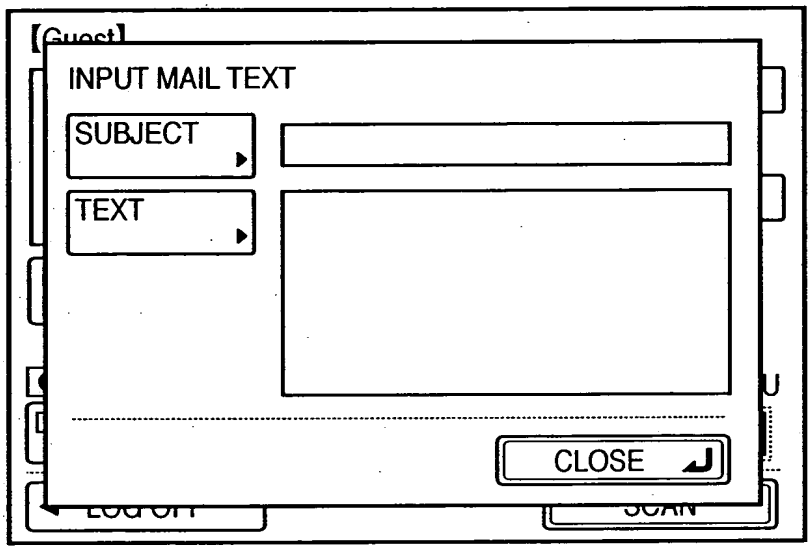


FIG. 36

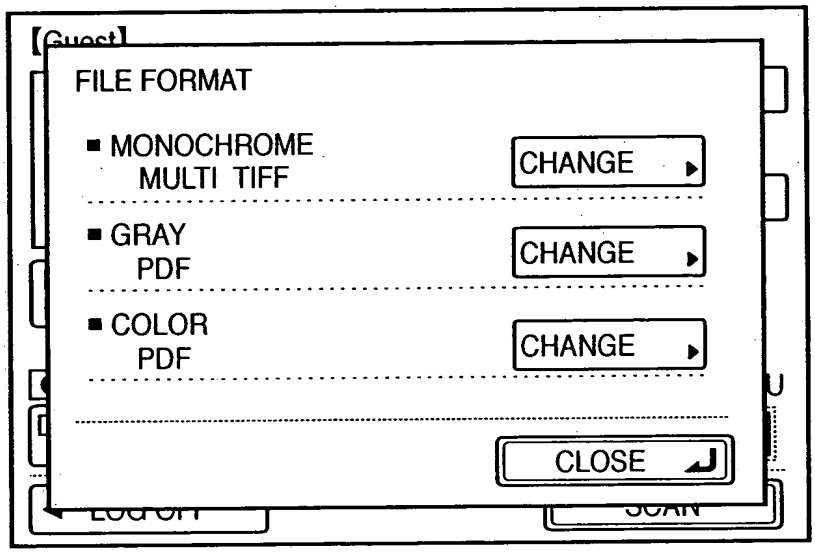

FILE FORMAT
■ MONOCHROME
MULTI TIFF
CHANGE
■ GRAY
PDF
CHANGE
■ COLOR
PDF
CHANGE
CLOSE

FIG. 37

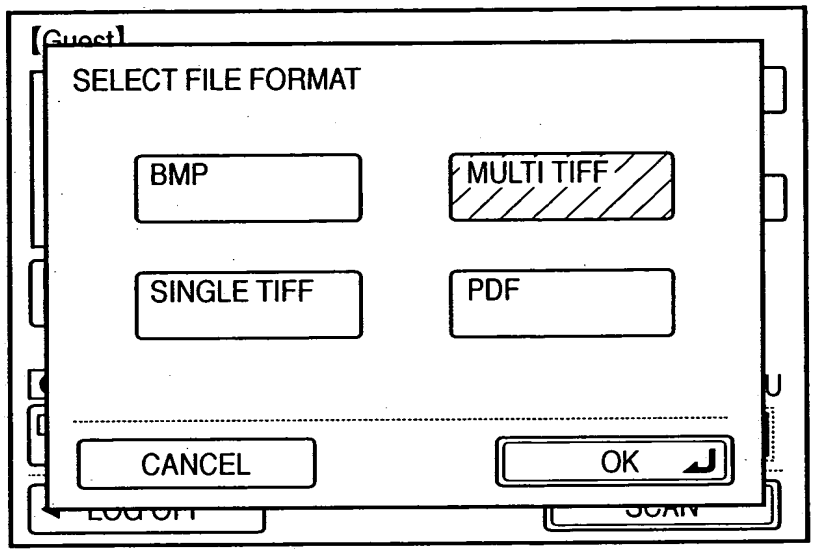

[Guest]
SELECT FILE FORMAT
BMP
MULTI TIFF
SINGLE TIFF
PDF
CANCEL
OK

FIG. 38

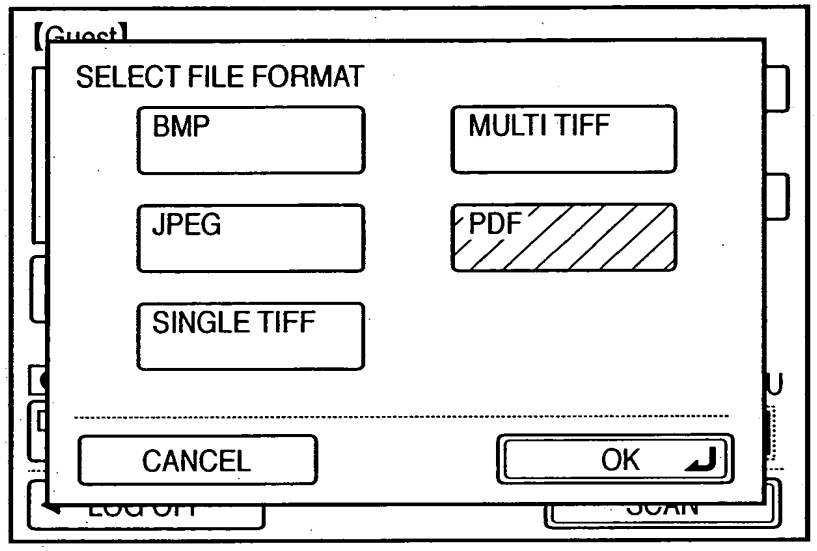

SELECT FILE FORMAT
BMP
MULTI TIFF
JPEG
PDF
SINGLE TIFF
CANCEL
OK

FIG. 39

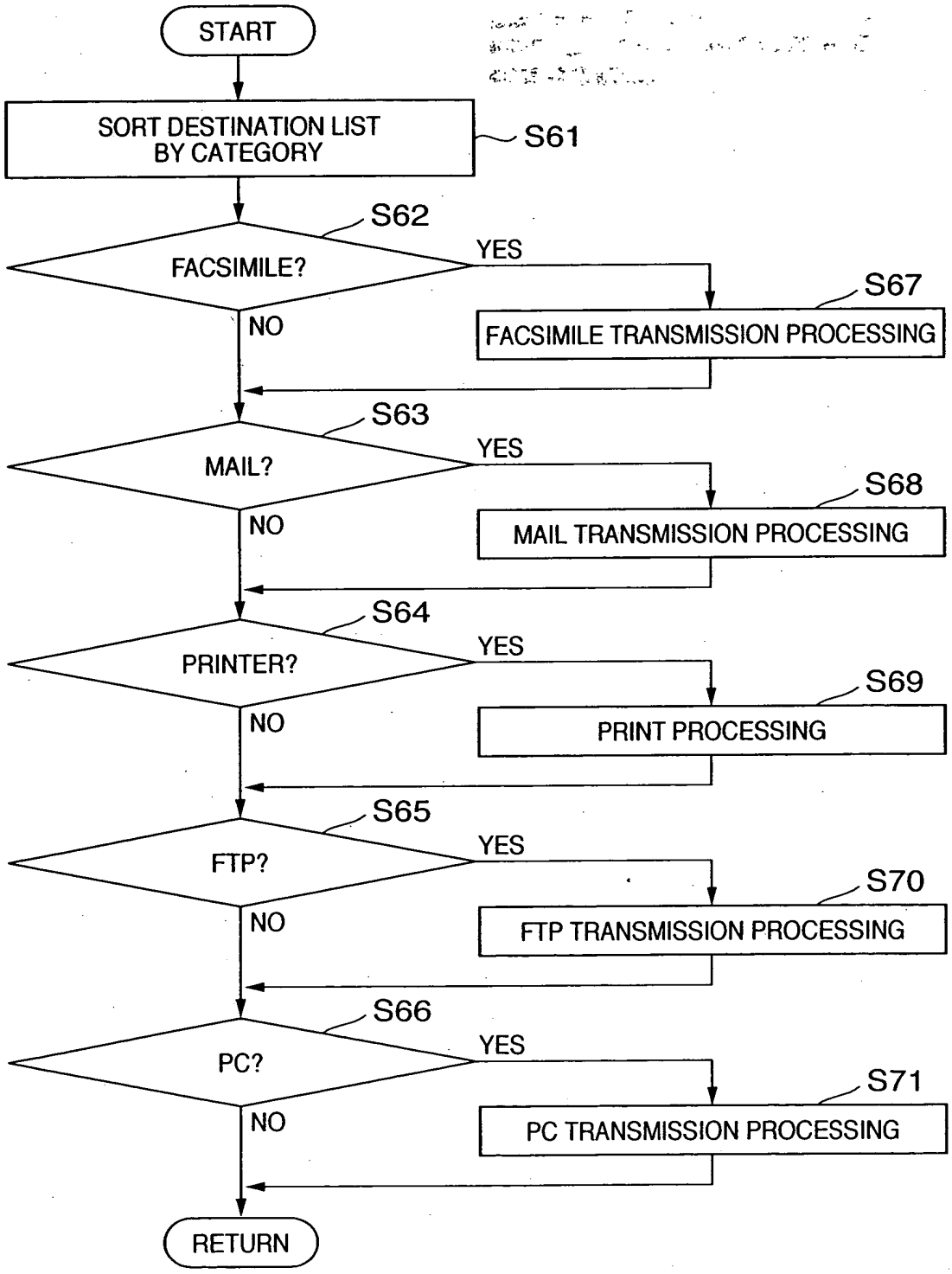

START
SORT DESTINATION LIST BY CATEGORY
S61
S62
FACSIMILE?
YES
NO
S67
FACSIMILE TRANSMISSION PROCESSING
S63
MAIL?
YES
NO
S68
MAIL TRANSMISSION PROCESSING
S64
PRINTER?
YES
NO
S69
PRINT PROCESSING
S65
FTP?
YES
NO
S70
FTP TRANSMISSION PROCESSING
S66
PC?
YES
NO
S71
PC TRANSMISSION PROCESSING
RETURN

FIG. 40

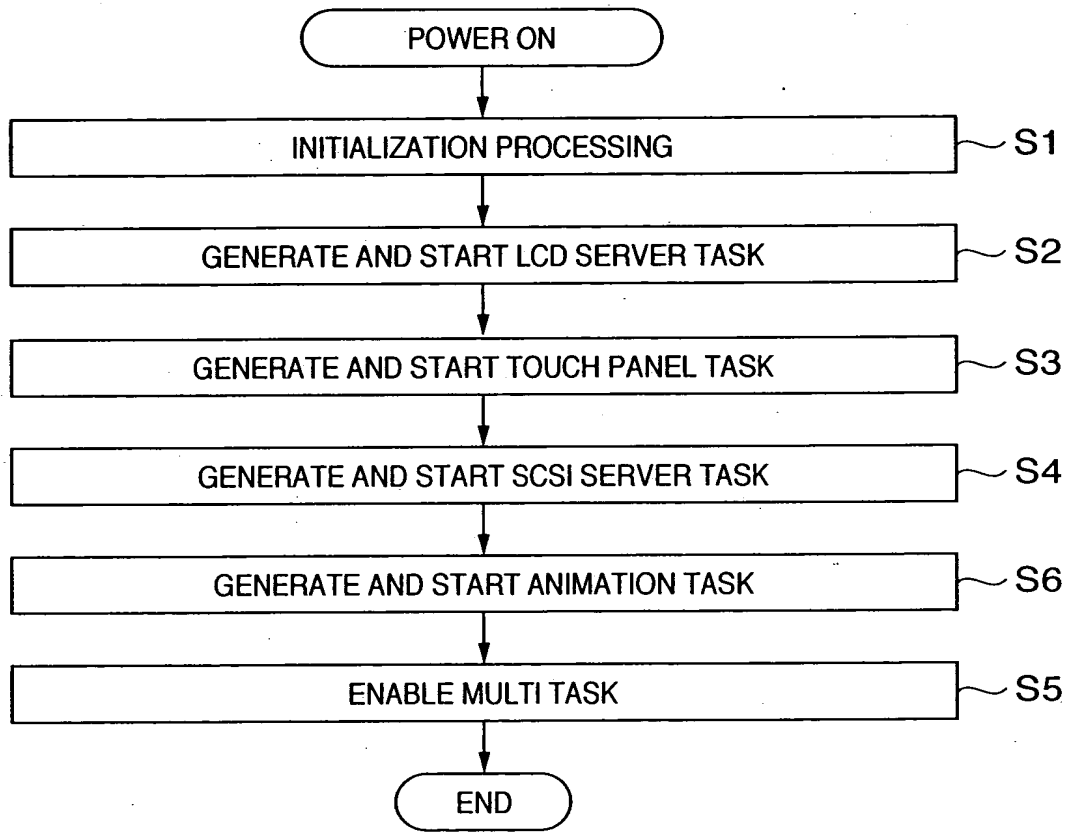

POWER ON
INITIALIZATION PROCESSING
S1
GENERATE AND START LCD SERVER TASK
S2
GENERATE AND START TOUCH PANEL TASK
S3
GENERATE AND START SCSI SERVER TASK
S4
GENERATE AND START ANIMATION TASK
S6
ENABLE MULTI TASK
S5
END

FIG. 41

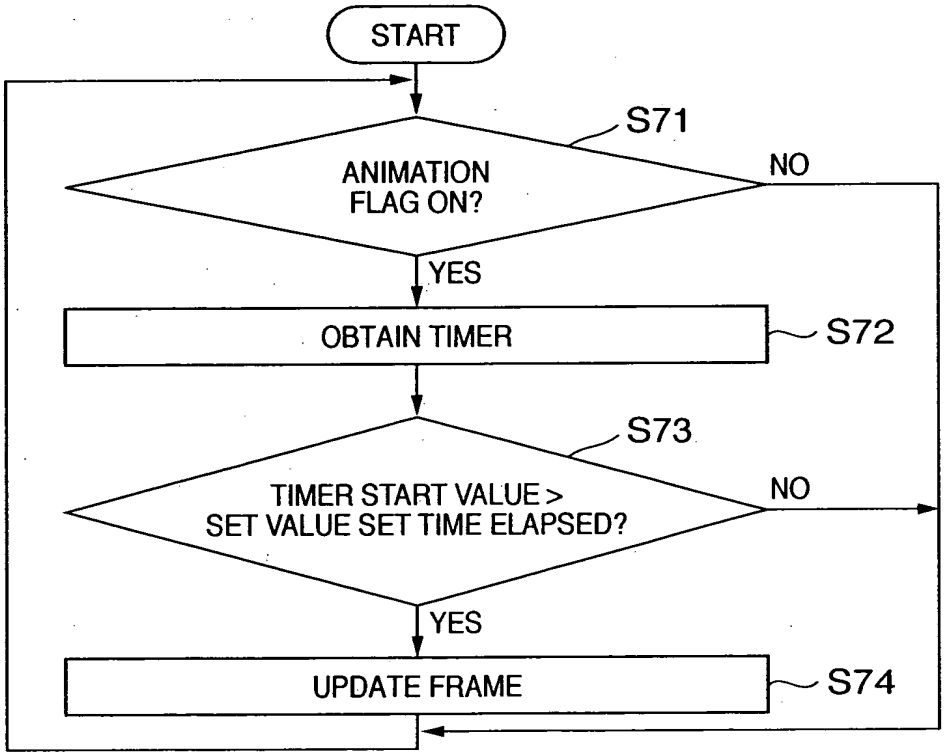

START
S71
ANIMATION FLAG ON?
NO
YES
OBTAIN TIMER
S72
S73
TIMER START VALUE > SET VALUE SET TIME ELAPSED?
NO
YES
UPDATE FRAME
S74

FIG. 42

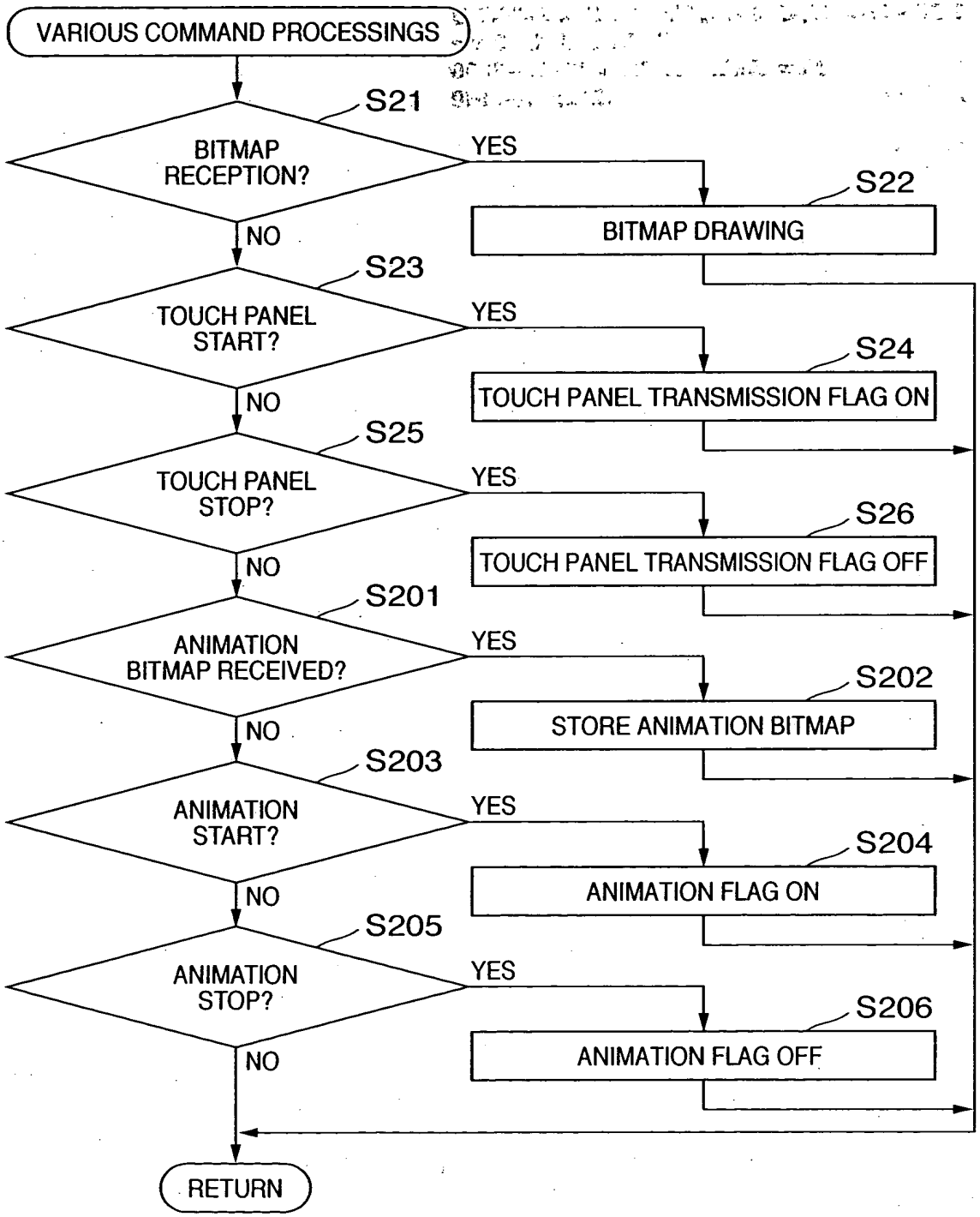

VARIOUS COMMAND PROCESSINGS
S21
BITMAP RECEPTION?
YES
S22
BITMAP DRAWING
NO
S23
TOUCH PANEL START?
YES
S24
TOUCH PANEL TRANSMISSION FLAG ON
NO
S25
TOUCH PANEL STOP?
YES
S26
TOUCH PANEL TRANSMISSION FLAG OFF
NO
S201
ANIMATION BITMAP RECEIVED?
YES
S202
STORE ANIMATION BITMAP
NO
S203
ANIMATION START?
YES
S204
ANIMATION FLAG ON
NO
S205
ANIMATION STOP?
YES
S206
ANIMATION FLAG OFF
NO
RETURN

FIG. 43

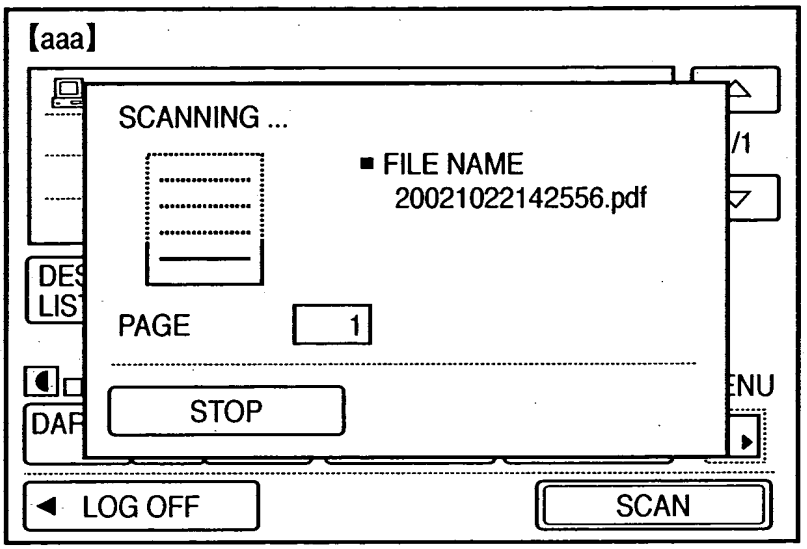

【aaa】
SCANNING ...
■ FILE NAME
20021022142556.pdf
/1
PAGE
1
STOP
LOG OFF
SCAN

FIG. 44

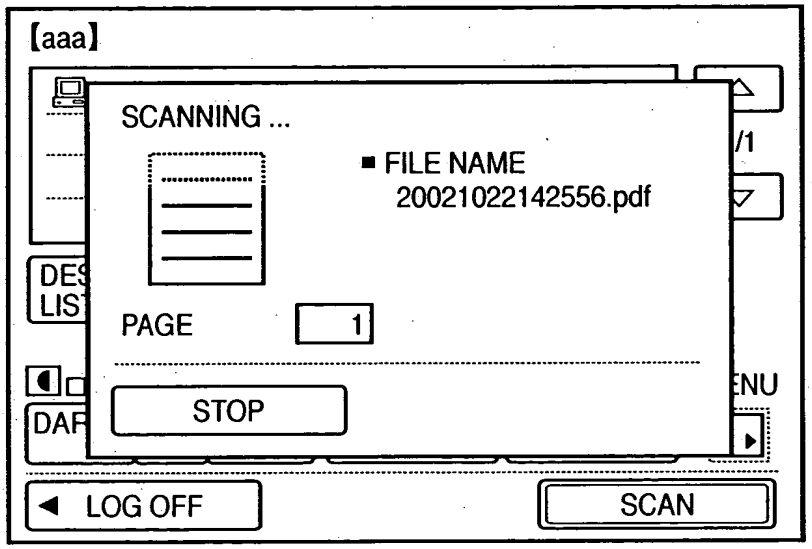
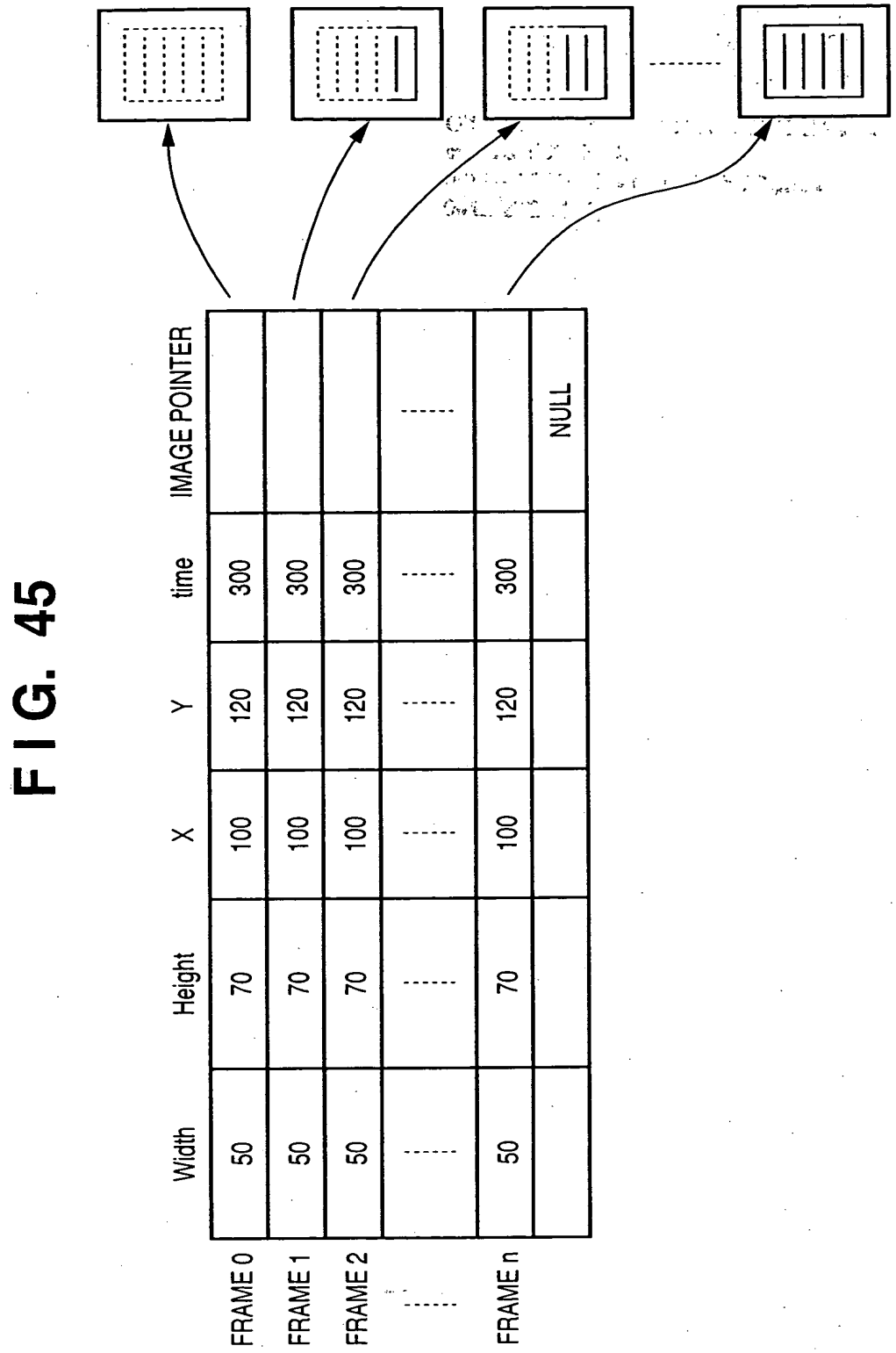

【aaa】
SCANNING ...
■ FILE NAME
20021022142556.pdf
/1
PAGE
1
STOP
LOG OFF
SCAN

FIG. 45


Width
Height
X
Y
time
IMAGE POINTER
FRAME 0
FRAME 1
FRAME 2
FRAME n
50
70
100
120
300
NULL